The Chemical Age

Index to Volume XII.

January-June, 1925

Acceleration of Vulcanisation, 155
Activated Carbon in Industry, 14
Adhesives Research, 633
Air, Compressed, in the Chemical Industry, 78
Air Heating, 434
Alcohol, Industrial, Production, 557
Alkali Manufacturers' Association, 332
Alloys, Inner Structure of, 178
Alpha-Naphthol in Beta-Naphthol, Detection of, 155
American Dyestuffs Industry, 77, 585
American Exposition of Chemical Industries, 410
America's Chemical Trade, 153
Anumonia and CO₂ Compressors, 273
Anumonia, Synthetic, Du Pont Company and, 192
Anumonium Compounds, The Newer, 198
Anglo-American Friendship, 637 anglo-American Friendship, 637
Anthraquinone Vat Dyestuffs, New Developments in; L. J. Hooley, 4
Appointments for Chemists, 108
Area Automatic Regulators, 400
"Arkon" Instruments, 401
Armstrong, Dr. E. Frankland: New
Appointment, 476
Atomic and Molecular Structure, 109, 134

Authors-

Bellwood, R.A.: The Hydrogenation of Vegetable and Marine Oils by a Continuous Process, 222
Benn, Sir Ernest: The Trade Press as a Medium for Advertising, 300
Brotherton, Col. Sir Edward A.: Some Notes on Dyestuffs Progress in 1924, 5
Coleman, W. H.: The Chemical Engineer of To-day, 104
Farrant, J. C.: The Origin of the Hardinge Mill, 98, 300, 405
Forster, Dr. M. O.: The Message of Chemical Science to India, 50, 74
Furness, Rex: Some New Uses of Silicate of Soda, 48
Hollins, Ceoil: The Design of a Chemical Research Laboratory, 304
Hooley, L. J.: New Developments in Anthraquinone Vat Dyestuffs, 4
Jenkins, W. J.: Artificial Leather Manufacture, 628
Jones, A. S. Wilson: The Industrial Production of Insulin, 102
Maistre, C. le: Progress in Industrial Standardisation, 152
Myddleton, W. W.: The Manufacture of Salvarsan and its Derivatives, 576
Paper Sir Wm. J.: Faraday as a Chemist, 606
Wallace, G. W.: Production of Shale Oil by the N.-T.-U. Process, 196, 225
West, J. H.: A New Acid-Resisting Material, 522

B

Vest, J. H.: A New Acid-Resisting Material, 522 Wilson, W. G.: Chemical Trade Movements in 1924, 24 Azo Dyestuffs, Chemical Constitution of, 247

Bactericidal Action, Conditions Affectng, 131
Balley Metering Equipment, 397
Barter Trading Corporation's Annual
Review, 262
B.D.C. Colours, New, 521
Bentonite, Canadian, 15
Benzene Discovery Centenary, 574, 602

Benzol Industry, A Survey of the, 32 Bergius Hydrogenation Process, The, 154 Billingham Nitrogen Factory, Sale of, Singain Mitogen Factory, Safe of, 355, 375 Natural History and Philo-sophical Scotety, 92 Birmingham, Mining Research at, 113 Birmingham University Extensions, 9 Birmingham University, Research Work at, 80 at, 80
Birmingham University Chemical Society, 133, 205, 253
Bitumen for Road Construction, 329
Bituminous Materials, Low Temperature Treatment of, 72
Boiler Control, Instruments for, 110
Boiler Tests, Indian, 122
Boiler, The Internal Combustion, 150, 174
Borax Consolidated, Ltd. 203 Borax Consolidated, Ltd., 203 Boric Acid in Chemical-Resisting Glass, 029 Boric Oxide as a Constituent of Labora-tory Glass, 403 Boron, Variations in Atomic Weight of, Boron, Variations in Atomic Weight of. 246
Bradford Dyers' Association, Ltd., 227
Bradford Dyers' Dole Dispute, 78
Brewing, Chemical Engineering and, 105
Bricks from Clinker and Ashes, 215
British Acetylene and Welding Association, 272
British Association of Chemists, The. 202, 227, 273, 319, 333, 356, 377, 410, 456, 501, 557, 586, 609
British Chemical and Dyestuff Traders'
Association, 30, 304, 480
British Chemical Standard, New Non-Ferrous, 543
British Empire Exhibition: New Features, 302; Chemical Exhibits, 475, American Visitors, 475
British Industries Fair at Birmingham, 177
British Non-Ferrous Metals, Bassarath 177
British Non-Ferrous Metals Research
Association, 370
British Oxygen Co., New Chairman of
the, 476
Brunner, Mond and Co.'s Annual Meeting,

528
Budget, The, 434
Buhler Mills in Soap and Paint Industries, 206
Burette, The Sofnol Syphon, 399
Burners, Relative Merits of Hand and Mechanical, 374

C

Calcium Carbide Problems, 272
Canada's Chemical and Metallurgical
Industries, 122
Cantor Lecture, 178
Carbon, Activated, in Industry, 14
Carbon Monoxide and Its Estimation,
159
Carponic Scholarship A Carnegie Scholarship Awards, 502 Casale Ammonia Process, 450 "Cascade" System of Tar Distillation, 31 "Cascade" System of Tar Distillation, 31
Cement, Portland, Manufacture in Australia, 376
Cements, British Aluminous, 404
Cements, Titan, 281
Census of Chemical Production, 376
Chemical Engineering and Brewing, 105
Chemical Engineering and Brewing, 105
Chemical Engineering Group, 72, 150, 174, 296, 328, 350, 374, 551
Chemical Industry Club, 637
Chemical Shipments, The Present Condition of, 524
Chemical Societies, The Union of, 177
Chemical Societies, The Union of, 177
Chemical Societies, The Union of, 177
Chemical Society, Annual Meeting and Dinner, 326
Chemical Trade at the Ports, 526 Chemical Trade Movements In 1924; W. G. Wilson, 24 Chemical Warfare Committee, 164 "Chemistry and Civilisation"; Sir Max Muspratt, 69, 76, 249 Chemistry in Its Relation to Agriculture, 157, 179, 195, 226, 251, 275, 309, 435 Chemistry in Life, Disease and Death, 133 133 Chile Nitrate and Synthetic Fertilisers, 584 584 Chile's Nitrate Industry, 92 Chlorine, Liquid, The Handling and Use of, 28 of, 28
Chrome Pigments: Some Applications and Properties, 274
"Ciment Fondu" Tests, 583
Clayton Aniline Co., Works of the, 248
Coal Ash, Melting Point of, 53
Coal, The Constitution of, 358
Cobalt and its Uses, 66
Cocaine, A German Substitute for, 175
Colour Users' Association, 635

Commercial Intelligence

Austen, Byass and Co., Ltd., Meeting of Creditors, 10
Ayre, James, and Sons, Ltd.: Meeting of Creditors, 613
Barr, James C., Ltd., Voluntary Liquidation, 433
Birkett and Co., Ltd.: Meeting of Creditors, 611
Calvert, George Crace: Receiving Order, 288
Chlorophyl and Chemical Corporation, Ltd.: Compulsory Liquidation, 204, 480
Clark, John J. and Co., Ltd.: Windingup Order, 229 Ltd.: Compulsory Liquidation, 204, 480
Clark, John J. and Co., Ltd.: Windingup Order, 229
Comet Chemical Co., Ltd.: Bankruptcy Proceedings, 459
Holders (London), Ltd.: Voluntary
Liquidation, 60
Lockyer, George and Son, Ltd.: Meeting of Creditors, 43
Marcotty, Plerre: Bankruptcy Proceedings, 169
Maylankar, K. B.: False Declarations
of Value, 30
Naylor, Richard. Ltd.: Voluntary
Liquidation, 240
New Motor Spirit Co., Ltd.: Meeting
of Creditors, 636
Nicholson, Wilfred Frank: Bankruptcy Proceedings, 206
Norman, John Thomas: Bankruptcy
Proceedings, 556
Payne, Edward E. Munro: Bankruptcy Proceedings, 360
Premier Products, Ltd.: Winding-up
Order, 83
Rolstone and Abbott, Ltd.: Meeting
of Creditors, 378
Ryland, Frederick John: Bankruptcy
Proceedings, 139
Shardlow Chemical Co., Ltd.: MeetIng of Creditors, 560
Stromwall and Co., Ltd.: Compulsory
Winding-up Order, 516
Swann, G. D. L. and Son: Meeting of
Creditors, 263
Wattson, George Herbert: Bankruptcy Proceedings, 33, 169
'Yadil' Dispute, 33, 82, 100
Compressed Air in the Chemical Industry, 78
Concrete for Tennis Courts, New, 580
Concrete, Sculpture in, 585 78'
Concrete for Tennis Courts, New, 580
Concrete, Sculpture in, 585
Confectionery, The Application of
Chemistry to, 426
Copper Sulphate, Fruit Contamination
by, 559

Correspondence-

Balances, All-British, 79
British Plant for Canada, 453
Brunner Mond and Co. and the
Haüsser Process, 555, 575

Correspondence-continued

Correspondence—continued
Chemical Industry Conferences, 633;
Colloid Chemistry, 378
Dehydrated Tar z. Bitumen for Roads, 154
Dyestuffs, Anthraquinone Vat, 195
Effluent Liquors, The Disposal of, 293
Fertiliser, A Mixed Ammonia-Phosphate, 79
Finsbury Technical College, Closing of, 154
Fuel, Smokeless, Experimente, 79
"Inclined Screens," 154, 175
Libel on the 'Phone, A, 43
Manganese Alloys, 583
Moth-Proof Fabrics, 273
N.T.U. Shale Oil Process, The, 225
Oil-Shales and Lignites, Economic Possibilities of, 225, 247
Nature State, 430, 521
Plastic Wood, The Facts About, 79
"Pyropruf" Roofing, 521
Resins, Synthetic, British Production of, 225, 247
Salvarsan, The Manufacture of, 633
Silicate of Soda, Openings for, 274
Tar Products Industry, The, 54
Waste at the Top, 453
Corrosion Preventive, A New, 622
Crane, Industrial Crawling Tractor, 403
Crushing and Grinding in Chemical Industry, 296, 329

D

Danish Margarine Developments, 525 Dead Sea: Commercial Rights, 491 Degreasing of Wool, The, 227 Detergent, New, 407 Diazo-Sulphonates, New Reaction with Certain, 308 Distillation, Continuous, of Petroleum, Johnston, Continuous, of Tectoral, 429
Dope, Non-inflammable, 480
"Drayton" Oil Separator, The, 105
Dye Industry in Germany, 228
Dyers' Unemployment Pay Ruling, 262
Dyestuffs Progress in 1924; Col. Sir
Edward A. Brotherton, 5
Dyestuffs Licences for December, 1924,
38; January, 1925, 169; February,
1925, 262; March, 1925, 359; April,
1925, 482; May, 1925, 375
Dyestuff, New Vat, 1, 4, 21, 32
Dyestuffs, Azo, Chemical Constitution of,
247

Editorial Articles-

Acid Concentration, The Future of, 323 Acid Concentration with Burner Gases, Acid Concentration with Burner cases, 518 Acid Production, The Time Factor in, 127 Acids, The Transport of, 347 A.C.S., Jublice of the, 221 Active Carbon or Silica Gel ? 392 Alkali Industry, The, 125 Aluminium and the Serpek Process, 472 472 America and Sulphate of Ammonia, 125 125
American Visitors, 601
Ammonia Recovery with Phosphoric
Acid, 220
Ammonia, Synthetic, Problems, 447
Ammonia, Synthetic, Developments,
493
Ammonium Compounds, The Newer,
961 mmonium Sulphate, Crystal Struc-ture of, 425

Editorial Articles—continued

Armstrong, Dr. E. F.: New Appointment, 471
B.D.C. Colours, 324, 449
Beet Sugar Industry, The, 290
Benn, Sir John, A Lile of, 147
Benzene, The Centenary of, 473, 495, 519, 571
Billingham Nightmare, The, 372
Bollers, Submerged Flame, 171
Borax Consolidated, Ltd., 194
British Chemicals, 449
British Chemicals, 449
Britmish Chemicals, 449
Britmish Chemicals, 449
Britmish Chemicals, 449
Bromine from the Ses, 348

British Chemicals, 449
Bromine from the Sea, 348
Brunner Mond Developments, 517
Burkheiser Process, The, 324
Business and Politics, 601
Carbon Black, Electrical Production of, 148
Casale, Dr.: Visit to London, 423
Celatene Colours, New. 627
Chemical Industry and Trade, 45
Chemical Traders' Grevances, 291
Chemistry and Civilisation, 69
Chemistry and the Textile Industry,
551

571 Chilean Nitrate Seare, The, 46 Chromising Process, The, 148 Coal Tar Products, The Application of, 573

od, 573 Cobb's Direct Process, 372 Cobb's Direct Process, 372 Coke, The Purity of Motallurgical, 424 Colour Users' Problems, 626 Dehydrated Tar v. Bitumen for Roads,

Dehydrated Tar v. Dictures. 69
69
"Devil-Liquor," The Problem of, 290
Disintegrating in Inert Atmospheres, 2
Du Pont Discovery, An Important, 70
"Durite," 146
Dyestuff, New Vat., 1, 21
Effinent Liquors, The Disposal of, 266,
289

Income Tax, Payment of, 97 Industrial Expansion, Basic Facts for,

103 Page 1 Page

96 Laboratory in Industry, The, 391 Leverhulme, Lord, Death of, 448 Liveling, Dr. Downing, 3 Machinery Users, Relief for, 172 Magnesia, The Commercial Uses of,

Makonine Fuel Process, The, 243
Methyl Alcohol, Catalytic Production
448
Morgan, Professional

448
Morgan, Professor G. T.: New Appointment, 3, 22
Moth-proof Fabrics, 70
Nitrogen Fixation Critics, 219, 241
Nitrogen Fixation in U.S.A., 371
N.F.L. Annual Report, 518
Oil and Colour Chemists' Association, 193

193
193
Oll and Colour Monographs, 243
Oll and Colour Monographs, 243
Oll Carburation, A New System of, 495
Oil Pollution, Lord Bearsted's Views
on, 126
Patent Office Comptrollership, The,

149
Plant Difficulty Solved, The, 70
Poison Gas Research, 325
Power, A Question of, 600
Power Alcohol, Electrical Production

Power Alcohol, Escusion 1 to 32 Power-Alcohol, Home-Produced, 265 Pre-war Trade Standards, Recovering, 242 Profit Sharing, A Blow to, 627 Reparations Levy, 349 Salesmanship, The Neglect of, 391 Silica Dust Dangers, 173

Editorial Articles-continued

Society of Chemical Industry, Annual Reports of the, 392 Spring Issue, Annual, 289 Stone Decay, The Kinetics of, 423 Stream Line Filter for Gases, 549 Sulphate of Ammonia, Drying of, 46 Sulphate of Ammonia, France and, 172 Sulphate of Ammonia, France and, 172 Sulphate of Ammonia, Grading of, 290 Sulphate Prices, New, 547 Sulphur as a Fertiliser, 1 Sulphuric Acid, Concentrator, Choice of a, 147 Sulphuric Acid, Trade Abbrevistions Surpaure Acid Concentrator, Choice of a, 147 Sulphuric Acid, Trade Abbreviations for, 173 Sunday "Shut-dówns," 241 Superphosphate, Safeguarding Duty on, 267 Synthetic Ammonia Developments, 493 Synthetic Methanol, America and, 625

Synthetic Ammonia Developments,
493
Synthetic Methanol, America and, 625
Tanning, Chemistry and, 625
Tanning, Chemistry and, 625
Tanning, Chemistry and, 625
Tar and River Pollution, 472
Tar Products Industry, The, 22
Tar Sliding Scale Contracts, 494
Tar v. Bitumen, 600
Taxation of Industry, The, 242
Technicians, Conferences for, 626
Tetra-Ethyl Lead and America, 95
Therm Yields from Welsh Coal, 46
Thorpe, Sir Edward, 193
Trade Figures for March, 393
United Alkali Developments, 347
United States bye Litigation, 373
Wembley, Chemicals at, 291, 449, 471
Works Practice for Chemists, 323
Wrong End, Starting at the, 448
X-Ray Testing, Progress in, 573
imployment Recovery in Chemical
Trades, 303
thylene as an Anesthetic, 514

Trades, 303
Ethylene as an Anæsthetic, 514
"Eulan"—Chemical Protective against
Moths, 108
European Markets, British Chemicals
in, 294
Evnlogives High 55

Explosives, High, 55
Exports to Empire Countries, 526

Fabrics, Chemical Protection of, against Moths, 108, 273 Faraday as a Chemist: Sir Wm. J. Pope,

606
Faraday's Discovery of Benzene, Centenary of, 574, 602
Fermentation Industries, The, 156
"Ferrocrete," Rapid-Hardening Cement, 502

502
Fertiliser, A Mixed Ammonia-Phosphate, 7, 22, 79
Fertiliser Analysis, 15
Fertilisers and Feeding Stuffs Report, 8
Fertilisers and Feeding Stuffs Committee,

144
Fertilisers, Synthetic, Chile Nitrate and, 584
Filtration, Studies in, 106, 132, 585
"Finisheen," 359

"Finisheen," 359
Fish Oils, 6
Flameproofing Solution, Neocellon, 402
Foamite and Oil Fires, 295
Food Investigation Board Report, 96
Fuel, Pulverised, Possibilities, 468, 479
Fuels, Motor, The Future of, 408, 428,
Furnace Arch & Venture of, 408, 428,

454 Furnace Arch, A New, 428 Furnaces, Glass Melting, 134 Furnaces, Electric, for Laboratories, 7

G

Gaillard Process for Intensive Production of Sulphuric Acid, 128 Gas and Fuel Research at Leeds, 611 Gas Companies and Chemical Manu-facturers, 332 facturers, 332 Gas Compressor, A Steam Driven, 402 Gas from Heavy Oils, 455 Gas Mantles, Proposed Protection for, 501, 529, 581 German Chemical Mergers, 492 German Potash for American Phosphate, 65

nan-Russian Agreement, The, 202, 220
Germany's Dye Industry, 228, 585
Germany's Chemical Industry, 55
Germicide, A New American, 181
Glass, British Optical, 605
Glass, Chemical-Resisting, Borle Acid in,

629
Glass, Laboratory, Boric Oxide as a
Constituent of, 403
Glass, New Synthetic, 612
Glass, The Constitution of, 527
Glass, Sheet: Modern Methods of Production, 275

Glasaware, Graduated Laboratory, 400 Gold, The Return to, 582 Government Laboratory at Teddington, New, 178 Graphite Deposits, Discovery of, 407 Grinding Mills, with Special Reference to Rollers, 299, 328

Hardinge Mill, The Origin of the: J. C. Farrant, 98, 300, 405 "H.B." Precision Torsion Balance, 9 Hele-Shaw Stream Line Filter Demonstrations, 52 Hexylresorcinol: New American Germi-

Hexylresorcinol: New American Germicide, 181
Higher Methyl-Ketones, The, 131
Huddersfield Technical College, 215
Hull Chemical and Engineering Society, 222, 268
"Hurrell" Homogeniser, The, 398
Hurter Memorial Lecture: Sir Max
Muspratt, 76, 69
Huxley Centenary, The, 457
Hydrated Lime, Industrial Uses of, 299
Hydrogen for Synthetic Ammonia
Production, 244
Hydrogenation, Kinetics of, 130

TO IS

Imperial Institute Changes, 228 Indian Chemical Notes, 293, 376, 456, 555, 611
Indian Science Congress, 47, 50, 74
Indigo Prices and Possibilities, 455
Industry and Trade Committee, 95
Institute of Brewing, 502
INSTITUTE OF CHEMISTER —
Annual Meeting, 226
Pass Lists, 527
New Assistant Secretary, 378
Notes, 647
Bristol Section, 155, 177
Belfast, 238
Manchester, 224
London, 249
Liverpool, 276

London, 249
Liverpool, 276
Institute of Heating and Ventilating
Engineers, 250
Institute of Metals:
Dirmingham, 66
London, 179
Institute of Physics Annual Meeting, 556

Institution of Chemical Engineers, 106, 132, 150, 174, 245, 271, 429
Institution of Engineering Inspection,

228 Institution of Engineers-in-Charge, 78,

Institution of Engineers-in-Charge, 78, 273, 358
Institution of Gas Engineers, 580
Institution of Petroleum Technologists, 42, 154, 286, 420, 453
Institution of the Rubber Industry:
Manchester Section, 199
London, 250
Edinburgh, 360
Insulin, The Industrial Production of:
A. S. Wilson-Jones, 102
Inventors, Exhibition of, 580
Inventors, Royal Commission on Awards to, 435, 470

Jets, Steam, Expansion and Compression Phenomena in, 245

Laboratory, The Design of a Chemical Research, 394 Laboratory Furnishing and Scientific Instruments, 396 Lac, Indian Research in, 111 Lead Glaze Dangers, 155 Lead Poisoning in Industry, 457 Leather, Artificial: W. J. Jenkins, 628

Legal Intelligence-

British Oxygen Co., Ltd. v. Liquid Air, Ltd., 159, 175, 229, 288, 303, 334, 355 Brotherton and Co., Ltd. v. Glasgow Corporation, 113, 206 Calvert, F. C., and Co. v. C. Calvert and Co., 611 Cantiere Navale Triestina v. Handels-vertretung der Russe, etc., Naphtha Export, 227

Legal Intelligence-continued

Clayton Aniline Co., Ltd. v. Thomas Murdoch, 543, 559 Collins (Inspector of Taxes) v. Firth-Brearley Stainless Steel Syndicate, Ltd., 225 Courtaulds, Ltd. v. Lazare Drut, 305 Isis Chemicals and Dyes, Ltd. v. Ophir Syndicate, Ltd., 204 Lever Brothers v. Axel Wallenberg, 322, 434, 556 Magada Soda Co., Ltd., 94, 146, 168, 430 Maylankar, K. B. v. H.M. Customs and

430 Mavlankar, K. B. v. H.M. Customs and Excise, 30 Synthetic Products Co., Ltd. v. Com-mercial Solvents Corporation, Ltd., 556

Meterial Solvents Corporation, Ltd., 556
Weir, Andrew and Co. v. Clearing Office, 335, 611
"Yadil" (Clement and Johnson, Ltd.) e. The Daily Mail. 33, 82
"Yadil" (Clement and Johnson, Ltd.) e. Gliford, 190
Leverhulme, Lord, at Duala, West Africa, 110
"Limbux," 299
Lime, Mydrated, Industrial Uses of, 299
Lime, Mechanically Slaked, Advantages of, 206

Lime, Mechanically Slaked, Advantages of, 206 Lopulco Pulverised Fuel Plant, 582 Low Temperature Carbonisation, Some Aspects of, 288 Low Temperature Treatment of Bitu-minous Materials, 72

Magnesite, Canadian, in the British Market, 502 Magnesium Chloride Duty, Indian, 558 Manchester Chamber of Commerce, 215 Manuring of Meadows and Pasture Land, The, 530 Tne, 530
Margarine, Danish, Developments, 525
"Melanoid," 622, 633
Metallurgy, Romance of, 157

Metallurgical Section-

Alloy Steels, Properties and Uses of , 26
Aluminium: Manufacture, Properties and Uses: Dr. G. Maicolm Dyson, 41
Cadmium, Production and Commercia I
Uses of: N. F. Budgen, 17
Condenser Tubes, Manufacture of, 34
Corrosion of Engineering Materials, The 10 Conden-Corrosion The, 10

Corrosion of Engineering Materials,
The, 10
Corrosion of Iron by Water: A.
Pickles, 2
Corrosion of Metals: Recent German
Research, 25
Flotation, Some Practical Points on, 9
Mercury, Some Uses and Properties
of: G. Malcolm Dyson, 33
Metals, Failure in: Alwyn Pickles, 27
Monel Metal, Properties and Uses of:
Hartland Seymour, 3
Silver, Some Properties and Uses of:
N. F. Budgen, 1
Steel Hardening Tests, 35
Methyl Alcohol, Synthetic, Production,
634

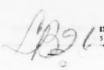
nd, Ludwig, Dr., Life and Work of, Mo

31 Morgan, Professor G. T.: New Appointment, 22; Successor, 557 Moulton, Lord, Memorial to, 458 Moths, Chemical Protection of Fabrics Against, 108, 273 Motor Trials, The Future of, 408, 454 "Murray "Wall, The, 29 Muspratt, Sir Max: 530; 608

N

National Physical Laboratory, 636 Neocellon Flameproofing Solution, 402, 480, 648

480, 648
Nitrogenous Fertilisers, 530
Non-Ferrous British Chemical Standard,
New, 543
Northern Polytechnic Chemical Association, 108
Norway's Chemical Progress, 195
N.P.K. Fertiliser, 82
N.T.U. Process, Production of Shale
Oil by the: G. W. Wallace, 196, 225



Obituary

Aird, William, 205
Allbutt, Sir Thomas, 204
Bain, Frederick Donald, 486
Barrett, Sir, W. F., 533
Biggart, J. B., 10
Bloxcidge, Charles Richard, 504
Boake, A., 383
Borghers, Dr. Wilhelm, 204
Born, Joseph, 30
Brown, Dr. Horace Tabberer, 158
Brown, Robert, 263
Brown, R. T., 534
Davison, George W., 436
Dempster, Robert, 504
Dickinson, Major John H., 534
Davison, George W., 436
Dempster, Robert, 504
Dickinson, Major John H., 534
Dieckmann, Professor Waither, 205
Flack, F. A., 481
Garson, J. W., 190
Gibbons, F. D., 205
Gibson, William, 263
Gooden, George Lincoln, 638
Gooden, George Lincoln, 638
Gooden, George Lincoln, 638
Gooden, James A., 379
Gray, J. Hunter, 549
Hacking, Joshua, 411
Haller, Professor M. F., 204
Jones, A. Seymour, 638
Julius, Dr. H. W., 379
Kirkwood, J. S., 534
Knowles, George Arthur, 335
Ladd, Senator, 638
Long, Alfred, 34
Leigh, Charles Henry, 263
Margerison, George, 504
Milne, Francis, 205
Mumford, E. M., 481
Muspratt-Williams, Lt.-Col. C. A., 481
Nickols, H., 112
Pilkington, George, 504
Milne, Francis, 205
Ratcliffe-Ellis, Sir Thomas
Ratcliffe-Ellis, Sir Thomas
Ratcliffe-Ellis, Sir Thomas
Redid, Alexander, 436 Rainey, James Jarvis, 263
Rateliff-Eills, Sir Thomas Rateliff, 263
Rayner, J. A. E., 369
Reid, Alexander, 436
Rice, W., 481
Rowe, H. S., 534
Russell, George, 534
Schunck, Professor, 158
Spencer, Dr. Guliford Lawson, 534
Strang, Andrew, 481
Sugden, Reginald, 638
Taylor, Martin, 178
Thomas, John, 263
Waugh, Walter, 409
Wheen, F., 379
Wordingham, C. H., 135
"Oertling" Improved Torsion Balance, The, 397
Olifron Coal at Birmingham, 558
Oil and Colour Chemiste' Association, 52, 176, 200, 274, 481, 500
Oil and Petrol Handling, 404
Oil, Olive, Production in 1924, 175
Oil Palm in the East Indies, The, 308
Oil Separator, The "Pitright," 307
Oil Shale Distillation, 66
Oil Shale, Production by N.T.U.
Process, 196, 225
Oils, Finh, 6;
Oils, Mineral: Present and Future Uses, 203
Oils, Vegetable and Marine, The Hydrogenation of: B. A. Bellwood, 222
Oliver Filter, The, 585
Owen, Robert, A Life of, 433

Paint and Rubber Industries, Problems of the, 431
Paint Bulletins, 238
Paint, Silica-Graphite, 399

Patent Specifications-

atent Specifications—
Absorption of Gases by Liquids, 589
Acetic Acid, Concentrating, 507
Acetic Acid, Manufacture of, 85
Acetyl Cellulose, Dyeing of, 615
Acid, Acettle, Concentrating, 507
Acid, Acetic, etc., Manufacture of, 85
Acid and Chemical-proof Structures
538 Acid Calcium Lactate, Manufacturing, 280
Acid Fumes, Condensing, 255
Acid, Hydrochloric, and Salt Cake, 58
Acid, Hydrocyanic, 210, 337, 339, 363, 537, 562
Acid, Phosphoric, 338

Patent Specifications

acent specifications—confirmed Acid Proof Coating for Metallic Vessels, 337 Acid-Proof Vessels, 233 Acid, Sulphuric, Manufacture of, 85, 185, 315, 483, 591, 616 Acida, Anthraquinone Sulphonic, 337 Acida, Fatty, Dehydration of Volatile, 279 Acida, Fatty, Dehydration of Volatile, 279
Acids, Manufacture of, 362
Acids, Organic, Dehydrating, 232
Acids, Organic, The Dehydrating, 232
Acids, Organic, from Bectroot Molasses, 563
Activated Carbon, Manufacture of, 58
Activated Carbon, 279, 363
Albumen Dyestuffs Products, 363
Albumen Dyestuffs or Compounds, 413
Alcohol, Absolute, Utilising, 162
Alcohol, Ether, and Ammonium Sulphate, 414
Alcohol, High-Percentage, 381
Alkali Aluminates, 537
Alkalia Carth Arsenates, 233
Alkali Salts, 462
Alkali Tungstates, 184
Alphanaphthylamine, Preparation of, 183
Aluminium Chloride, Sulphate and Oxide, 87 183 Oxide, 87 luminium Materials, Extraction of, 413 Muninium Nitrate and Potassium Nitrate, 484
Amino Sulphonic Acids, 508
Ammonia, 13
Ammonia, Carbon Monoxide, and Hydrocyanic Acid, 537
Ammonia, Catalysts for Synthesis of, 183

Ammonia, Catalyses for Synthesis 6, 183
Ammonia Synthesis, 184, 562
Ammoniacal Liquors, Crude, 381
Ammonium and Potassium Chlorides, Sodium Bicarbonate, 59
Ammonium Carbonate, 616
Ammonium Chloride, Sodium Bicarbonate, 462
Ammonium Sulphate, Mire., 484
Anæsthetics, 616
Anhydrides of Disaccharides, 537
Anthraquinone Derivatives, Production of, 362
Anthraquinone Sulphonic Acids, Pro-

tion of, 362
Anthraquinone Sulphonic Acids, Production of, 337
Arsenic and Antimony Compounds, Artificial Horn and Ivory from Viscose,

Artificial Horn and Ivory from Viscose, 58
Aryloxy-Naphthylketones, Manufacture of, 439
Azo Dyestuffs, 413, 640
Barium Chloride, 315
Base-Exchanging Bodies, Regeneration of, 231
Base Exchanging Substances for Softening Water, 183
Basic Lead Sulphate, Manufacture of, 563
Basic Lead Sulphate, Manufacture of, 563
But Vat Dyestuffs, 401
Borneol, 590
Calcium Hypochlorite, Drying, 641
Calcium Oxalate from Vegetable Matter, 280

Calcium Oxalate from Vegetable
Matter, 280
Calcium Saccharate, Precipitating, 615
Caoutchoue, Vulcanisation of, 381
Carbasol, Pure, Manufacturing, 12
Carbon, Absorptive, 616
Carbon, Activated, Manufacture of, 58
Carbon, Activated, Manufacture of, 58
Carbon, Active Absorbing, 615
Carbon, Active, Production of, 279, 640
Carbon from Peat, etc., Obtaining, 484
Carbon Monoxide and Hydrogen, 185, 485

Carbon from Peat, etc., Obtaining, 484
Carbon Monoxide and Hydrogen, 185,
485
Carbonaceous Materials, Distillation
of, 208, 256, 507
Carboniston of Fuel, 438
Carbonising Bituminous Materials, 87
Carbonising Processes, 116
Carbonising Processes, 116
Carbonising Wood, 484
Catalyst Furnaces for use in the
Synthesis of Ammonia, 313
Catalysts, 564
Catalysts for the Synthesis of Ammonia, 183
Cellulose Acetate, 95
Cellulose Acetate, 95
Cellulose Acetate, 56
Cellulose Derivative Compositions, 615
Cellulose Derivatives, 591
Cellulose Esters, Drying, 641
Collulose, Making, 59
Coal, Carbonising, 538
Colloids, Process for Hardening, 461
Concentrating Solutions of Volatile
Substances, 231

Patent Specifications-continued

atent Specifications—consisted
Condensation Products of the Anthraquinone Series, 483
Creosote Oil from Crude Coal Gas, 381
Crude Oxide and Carbonate of Zine,
Treating, 231
Crystallisation and Drying of Soluble
Substances, 640
Cyanamide, 116
Cyandes from Alkaline Earth Cyanes

Cyanamide, 116
Cyanides from Alkaline Earth Cyanamides, 36
Cyanogen Compounds, Production of, 115

115
Decolorising Carbon, 255, 363
Dehydrating Organic Acids, 232
Dehydration of Volatile Fatty Acids, 270
Deodorising Fats and Oils, 483
Deoxidising Compositions, 185
Detergent Compound, 85
Diatomacous Earth, Treatment of, 286

Datomaceous Earth, Treatment or, 280 Dihydrocodeinone, 138 Dispersal of Mineral Raw Materials by Chemical Action, 36 Distillation, Destructive, 13 Distillation, Fractional, of Oils, 439, 462

Distillation, Francisco.
462
Distillation of Carbonaceous Substances, 208
Distilling Bituminous Schist, 563
Distilling or Evaporating Apparatus,

Distilling or Evaporating Apparatus, 463
Distilling Carbonaceous Materials, 256
Distilling Glycerine, Fatty Acids, etc., 117
Distilling Hydrocarbons, 590
Distilling Hydrocarbons, 590
Distilling Shale or Coal, 86
Drugs, Synthetic, 86, 138, 339, 485, 507, 537, 590, 616, 642
Drums, Rotary, for Distillation of Coal, 507
Dyeing Cellulose Acetate, 137, 564
Drugs, 138, 85, 114, 138, 298, 290,

Dyeing Cellulose Acetate, 137, 564
Dyes, 13, 36, 85, 116, 138, 208, 209,
257, 381, 382, 413, 438, 439, 461,
462, 484, 508, 536, 537, 563, 590,
616, 617, 641
Dyes and Dyeing of Acetyl Silk, 438
Dyes, Arbraquinone, 36, 208
Dyes, Arbraquinone, 36, 208
Dyes, 4zo, 382, 413, 640
Dyestuff Intermediate, 641
Dyestuff Ryot, 524, 53, 560, 640

Dvestuffs, Vat. 85, 461, 537, 589, 640

ayesuus, vat, 85, 461, 537, 589, 640
Electrical Precipitation of Suspended
Particles from Gaseous Fluids, 137
Electrodes, Collecting, for Use in the
Electrical Precipitation of Suspended Particles from Gases, 209
Electrolytic Oxygen and Hydrogen,
462

Esters, Manufacture of, 162, 338, 382,

563
Ethyl Chloride, 414
Evaporating or Distilling Apparatus, 463

463
Evaporating the Volatile Constituents
of Solutions, Emulsions, and Suspensions, 256
Fats and Oils, Deodorising, 483
Fats and Oils, Purifying, 116, 209
Fats, Splitting, 13, 232
Ferric Hydrate, 315
Ferric Oxide, 508
Fertilisers, Manufacture of, 161, 413,
537

Fertilisers, Manufacture of, 161, 413, 537
Filtering Apparatus for Gases, 58
Filtration of Solutions of Tin and Titanium, 161
Fuel, Carbonisation of, 438
Fuel, Gasification of, and Production of High-Grade Gas, 184
Fuel, Fowlered, Gasification of, 314
Fuel, Solid, Distilling, 414
Fuel, Solid, Gasifying, 439
Fuels, Liquid, Manufacture and Production of, 115
Furnaces, Chemical, 117, 281
Furnaces for Distillation and Carbonisation, 12
Gamma-tetra-Hydroquinolone and Intermediate Products, 381
Gas, Combustible, Manufacture of, 520

562
Gas, Compressed, Production of, 231
Gas Manufacture, 163
Gas, Power, and Phosphorus, Producing, 337
Gas Purifiers, 85
Gas Washer-Scrubbers, 363
Gaseous Fuel from Lime Kiln Gases, 562

Gaseous Mixtures, Separating, 414, 564

Gases, Coke Oven, Purifying, 86 Gases, Lime Kiln, Gaseous Fuel from, 562 562
Gases, Separating a Gas from a Mixture of, 162
Gasification of Carbonaceous Substances, 208
Glycerine Fatty Acids, etc., Distilling, 117

Patent Specifications-continued

Hafnium and Zirconium Compounds, 115, 163 115, 163

Heat Treatment of Materials for Distilling, Drying, or Carbonising Them, 362

Hexamethylene-Tetramine, Manufac-

rexamethyrier-texamine, Anatusac-ture, 640
Holders for Chemical Apparatus, 137
Hydrocarbon Liquids and Gases,
Obtaining, 538
Hydrocarbon Oils and Gases, 564
Hydrocarbons, Aromatic, Oxidation of,
956

256

Hydrocarbons, Conversion of Heavy to Light, 461

Hydrocarbons, Distilling, 59, 590

Hydrocarbons, Halogen, Reducing, 87

Bydrocarbons, Heavy, Converting into Gasolene and Light Hydrocarbons, 506

Hydrocarbons, Liquid, Continuously Distilling, 536

Hydrocarbons, Liquid, Treatment of 256

Hydrocarbons, Liquid, Continuously Distilling, 536
Hydrocarbons, Liquid, Treatment of 256
Hydrocarbons, Purification of, 506, 616
Hydrocarbons Purification of, 508, 616
Hydrocarbon Oils, Cracking, 538, 589, 591, 616
Hydrocarbon Oils, Cracking, 538, 589, 591, 616
Hydrocarbon Oils, Cracking, 538, 589, 591, 616
Hydrocarbon Oils, Cracking, 538, 537, 562
Hydrogen or Hydrogen - Nitrogen Mixtures, 438
Hydrogen Peroxide, Production of, 56
Hydrogen, Production of, 507, 616
Hydrogen, Production of, 507, 616
Hydrogen, Production of, 507, 616
Hydroxybenzaldehydes, Manufacture of, 507
Indiarubber, Vulcanising, 138, 414
Insecticides, Manufacture of, 12
Insoluble Metal Compounds for use as Pigments, 536
Intermediate Products, 537
Iron Manufacture and Cement, 314
Isomenthone, 615
Isomenthone, 615
Kilns, Coking, 364
Krypton and Xenon, 209
Lakes, Dyes and, 462, 590
Lakes of the Basic Dyestuffs, 589
Lead Acetate, 13
Lead and Zinc, Separation of, in Roasted Compound Ores, 183
Lead and Zinc, Separation, 61
Lead Oxide, 382
Liquids, Filtering, 233
Liquids, Heating and Distilling, 640
Lithopone, 116
Low Temperature Carbonisation, 87, 116, 338
Low Temperature Distillation, 209
Magnesium Sulphate, 13
Manures, Phosphate, 257
Methalo, Ids, Manufacture of, 337
Methalo, Ids, Manufacture of, 337
Methyl Alcohol, 281
Mineral Oils, Distilling and Purifying, 506
Nitric Oxide, Obtaining, 12
Nitrogen, 616
Oil from Vulcanised Rubber, 161
Oil Vapour, Fractionation of, 115
Oils and Gases, Obtaining Hydrocarbon, 544
Oils and Gases, Obtaining Hydrocarbon, 544
Oils and Gases, Obtaining Hydrocarbon, 546

Oils and Gases, Obtaining hydrocarbon, 564
Oils and other Hydrocarbons, Fractional Distillation, 439
Oils and Tars, Distilling, 414
Oils, Hydrocarbon, Distilling, 508
Oils, Lubricating, 86
Oils, Mineral, Distilling and Purifying, 506

Oils, Oxidation of, 161 Oils, Purifying, 59, 161, 163, 232, 382,

Oils, Purifying, 59, 161, 163, 232, 382, 414, 440
Ores, Extracting Ingredients from, 37
Ores, Recovering Tin from, 313
Ores, Texting, 138, 314
Organic Acidic Substances, Recovery of, from Vegetable Matter, 209
Organic Acids and Bases from Beetroot Molasses, 563
Organic Compounds, Oxygenated Manufacture of, 161, 279, 337, 438
Organic Compounds, Reduction of, 162
Organic Compounds, Separation of, 506
Organic Compounds, Separation of, 506

Organic Compounds, Separation of, 506
Organic Peroxides, Process for Rendering Safer for Handling, 640
Organo-Arsenic Compounds, 508
Oxalites and other Organic Substances, Recovery of, 438
Oxalic Matter, Recovery of, from Natural Products, 209
Oxidation of Aromatic Hydrocarbons 256

256 Oxide of Iron, 413 Oxides, Metal, 337

Public Libkary Detaon Mich.

Patent Specifications-continued

Paints, 537 Paraffin Wax, Extracting, 116

Paradin Wax, Extracting, 116
Peat. Treatment of, 280
Perylene Compounds, 185, 617, 641
Phosphate Manures, 257
Phosphates, Water Soluble, Manufacture of, 231
Phosphoritorenous Fertiliser, 413
Phosphoric Acid and Phosphoric Acid, 414
Plaments, Iron Oxide, Electrolytic
Process for Preparing, 183
Purifying Tars and Olis, 410, 414
Quantitative Determination of Hydrogen Sulphide in Gas, 137
Refractory Materials, 162
Refractory Oxides, 641
Resinous Compositions, 58
Resins, Artificial, 116, 281, 315, 537, 590

Resins, Artificial, 116, 281, 315, 537, 530
Resorcinols, Alkyl. 86
Retorts, Hydrogen, 484
Retorts, Metal, 59
Roasting Ores, 59
Rubber Latex, 86
Rubber, Vulcanisation of, 313
Salt Cake, Hydrochloric Acid and, 58
Salts, Titanium, 413
Schist, Bituminous, Distilling, 563
Separators, Centrifugal, 414
Silicates, Alkall Alumino - Decomposing, 210
Silicofluorides, Borofluorides and other
Complex Fluroine Salts, 184
Soaps, etc. Manufacture of, 232
Soda Crystals, Production of, 12
Sodium Perborate, Manufacture of, 506
Sodium, Preparation of, 85
Sodium Pribiamuth Tartrate, 338
Soluble Cellulose Exters, 593
Splitting Fats, 13, 86
Starch, Soluble, 440
Sulphate of Ammonia, 484, 616
Sulphuretted Hydrogen Generators, 338
Sulphur Burners, 507

Liquor, 59
Tricalclum Saccharate, Precipitation of, 256
Valves for Pulpy Materials, 280
Vat Dyestuffs, 85, 461
Vessels, Acid-Proof, 233
Vinyl Ethers and Esters, 615
Viscose, Artificial Horn and Ivory from, 58
Viscose, Purification of, 232
Vuicanisation of Caoutchouc, 381
Vulcanisation of Rubber, 313
Vulcanising Compositions, 232
Vulcanising Indiarubber, 414
Water Gas, Manufacture of, 313, 362
Water Softening, 257
Water Softening, 257
Water Softening, Base Exchanging Substances for, 183
White Lead, Production of, 115
Wood, Carbonising, 484
Xenon, Krypton and, 209
Zinc Oxide, 138, 642
Petroleum, Colloidal Phenomena of, 583

Petroleum, Continuous Distillation of,

recrueum, Continuous Distillation of, 429

"Phomene" Fire Extinguisher, 201

"Pirbright" Oil Separator, The, 307

Poison Changes, Classified, 246

Poison Gas Research, 329

Poisons, Chemical, in Industry, 224

Poisons, Industrial, and their Causes, 554

"Pollopas"—New Synthetic Glass, 612

Premier Laboratory Mill, The, 401

Pulverised Fuel, Importance of, 479

Pulverised Fuel Possibilities, 468

"Pyropruf": A New Roofing Material, 378, 432

Reviews-continuai

Return to Gold, The, 582 Soap and Detergent Industry, The Modern (Martin), 552 Synthetic Organic Compounds (Schotz),

331
Volumetric Analysis, A Systematic
Handbook of (Sutton), 27
Roofing Material: "Pyroprul," 378
Royal Institution of Great Britain, 239,
309, 583
Royal Society of Arts, 146, 178, 275,
408, 454
Royal Society, The, 605
Royal Society, The, 605
Royal Society of Edinburgh, 586
Rubber-Compounding, Modern Materials
for, 250

for, 250 Russian Chemical Industry, 532, 584

Sugar Problems, 239 Sulphur: A Colour Producing Element,

Sulphur: A Colour Frouenting Interior, 81
Sulphur-Containing Materials, The Combustion of, 350
Sulphuric Acid, Intensive Production of: P. Parrish, 128
"Superac," 388
Superphosphate Inquiry, 327, 352, 427, 452, 478, 499
Synthetic Ammonia and Nitrates, Ltd., 375

Synthetic Ammonia Production, Hydro-

R

Radium Industry, The, 228 Rateliffe, E. Brotherton-, in America, 582 Raymond System of Grinding and Air Separation, 296 Refractory Materials, Some Notes on, 179

179 Research, Department of Scientific and Industrial, 178 Resins. Synthetic, 176, 225, 458

Reviews-

Allen's Commercial Organic Analysis, Bleaching, A History of (Higgins), 330 British Chemicals: Their Manufac-British Chemicals: Then Ballons tures and Uses, 449 Cereal Chemistry, Modern (Kent-

Cereal Chemistry, Modern (Kent-Jones), 26
Chemical Engineering Library, 498
Chemistry and Atomic Structure (Main Smith), 26
Chocolate, The Manufacture of (Zipperer), 111
Coal Tar, The Constituents of (Spielmann), 30
Colloid Chemistry (Alexander), 553
Colloid Chemistry, The Foundations
of, 553
Colloid Chemistry, The Elements of
(Freundlich), 27
Cotton Cellulose: Its Chemistry and
Technology (Hall), 111
Earths, "The Bare (Levy), 331.

(Freundlich), 27
cotton Cellulose: Its Chemistry and Technology (Hall), 111
Earths, The Bare (Levy), 331.
Electro-Chemistry, Principles and Applications of (Creighton), 553
Fuel: Solid, Liquid and Gaseous (Brame), 302
Glass Technology, A Textbook of (Hodkin and Cousen), 331
Inorganic and Theoretical Chemistry, Treatise on (Mellor), 330
Low Temperature Distillation (North and Garbe), 553
Margarine (Franzen), 553
Notions Fondamentales d'Element Chimique et d'Atome, Les (Urbain), 553

Chimique et d'Atome, Les (Urbain),
573anic Chemical Analysis. A Student's Manual of (Thorpe and
Whiteley), 552
Organic Research, Introduction to
(Emmet Reid), 552
Owen, Robert, A Life of (Cole), 433
Patents: Invention and Method
(Potts), 330
Qualitative Analysis, Elementary
(Reedy), 27
Qualitative and Volumetric Analysis,
Inorganic and Organic, Elementary
(Caldwell), 331
Quantitative Analysis and Its Practical
Application, The Theory of (Bassett), 552

SAFEGUARDING OF INDUSTRIES ACT:
Gas Mantles, 501, 529, 581
Superphosphate Inquiry, 327, 352,
427, 452, 478, 499
Salaries of Qualified Chemists, 383
Sait Production in Canada, 586
Salvarsan and its Derivatives, The Manufacture of: W. W. Myddleton, 576
Scientific Instruments, Laboratory Furnishing and, 396
Shakespear Katherometer, The, 500

Scientific Instruments, Laboratory Furnishing and, 396
Shakespear Katharometer, The, 502
Sheet Glass: Modern Methods of Production, 275
Shirley Institute, Chemical Work of the,

202
Silicate of Soda and Concrete, 33
Silicate of Soda, Some New Uses of:
Rex Furness, 48, 274
Silk, Artificial, The Dyeing of, 113
Silk, Artificial, Producers, 33
Sir John Cass Technical Institute, 156
Smokeless Fuel and 011, 357
Soaps and the Theory of Colloids, 309

Society of Chemical Industry:
Annual Meeting, 190
Birmingham, 66, 131, 159, 180, 277,
334, 360
Bristol, 82, 155, 277
Edinburgh and East of Scotland, 311
Liverpool, 203, 247, 248, 359
London, 32, 72, 130, 249, 358, 455, 583
Manchester, 53, 155, 247, 248, 253, 311,
357, 454
Montreal, 93
Newcastle, 204
Nottingham, 133

SOCIETY OF DYERS AND COLOURISTS : Society of Public Analysts, 159, 249, 356, 162

Society of Public Analyses, 309, 479
Sofnol Syphon Burette, 399
Sofnol Syphon Burette, 399
Soil Examination and Analysis, 42
South Africa's Fertiliser Imports, 202
Spanish Olive Oil Regulations, 611
S.R.A. Colours in Modern Colouring
Practice on Celanese, The, 81
Standardisation, Progress in Industrial, 152

Standardisation, Progress in Industrial, 152
Steam Accumulation Methods, 82
Steam Generation Under Critical Con-ditions, 150, 174
Steam Jets, Expansion and Compression Phenomena in, 245, 271
Steam Production, Control in, 101 Stereo Chemistry, Interesting Problems, 238

Tank Gauge, A Distance Reading, 396 Tanning Industry, Chemicals Used in the, 630 Tar Distillation by Means of the T.I.C.

T

(Lead Bath) Process, 130 Tar Distillation, The Cascade System of,

31
Tetra-Ethyl Lead, America and, 95
Textile By-Products, 144
Textile Institute, 113, 227
Titan Cements, 281
Toluol from Coal Gas: Chemist's Claim,
435, 470

Trade Returns

December, 1924, 54
January, 1925, 175
February, 1925, 270
March, 1925, 377
April, 1925, 477
May, 1925, 610
Triphenylmethane Compound, New, 302
Tube Bending Machines, 402
Turpentine Manufacture in India, 65

U

Unemployment in Chemical Trades, 303 United Alkali Co., Ltd.: Annual Meet-ing, 354; Staff Changes, 32; New Sports Ground, 609

Vacuum Pumps, Pulsometer, 398 Vats and Tanks, Wood for, 400 Vitamin Research, Progress in, 454 Vulcanisation, Acceleration of, 155

Warfare, Chemical, Committee, 164
Wages, Chemical Workers', 55, 78
Water, Hot, Softening, 250
Water in Cement Problems, 453
Water Softening, Slaked Lime for, 206
Water Softening, Slaked Lime for, 206
Water Tester, A Recording, 401
Willoox-Fiske Greases, 293
Wild-Barfield Resister Furnace, 7
Wood for Vata and Tanka, 400
Wood, The De-greasing of, 227
World Aspects of Chemical Industry,
Some, 520

